
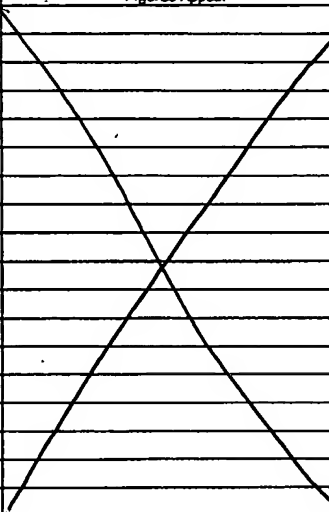

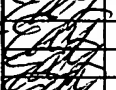
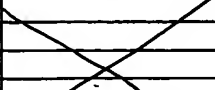
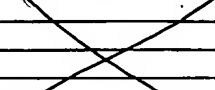


PTO/SB/08A (08-03)

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/603,502
		Filing Date	June 24, 2003
		First Named Inventor	Quake, Stephen R.
		Art Unit	2873
		Examiner Name	Unassigned- E. LESTER
Sheet 1	of 2	Attorney Docket Number	20174C-001011US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. ¹	Document Number .		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	US-4,155,982		05-22-1979	Mohn et al.	
	A2	US-5,121,256		08-09-1992	Corle et al.	
	A3	US-5,171,995		12-15-1992	Gast et al.	
	A4	US-5,729,393		03-17-1998	Lee et al.	
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	A6	US-5,776,191		07-07-1998	Mazzocco	
	A7	US-5,939,709		08-17-1999	Ghislain et al.	
	A8	US-6,181,478 B1		01-30-2001	Mandella.	
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	A12	US-6,298,026 B1		10-02-2001	Suzuki et al.	
	A13	US-6,301,055		10-09-2001	Legrand et al.	
	A14	US-6,307,689 B1		10-23-2001	Ichimura et al.	
	A15	US-6,369,957 B1		04-09-2002	Ishida 359/719.	
	A16	US-6,560,030		05-06-2003	Legrand et al.	
	A17	US-6,608,726		08-19-2003	Legrand et al.	
		A18	US-6,614,598		09-02-2003	
A19						
A20						

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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	B8							<input type="checkbox"/>

Examiner Signature		Date Considered	9-6-05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/603,502		
		Filing Date	June 24, 2003		
		First Named Inventor	Quake, Stephen R.		
		Art Unit	2873		
		Examiner Name	Unassigned E. LESTER		
Sheet	2	of	2	Attorney Docket Number	20174C-001011US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>EL</i>	C1	Berg, Howard C. "Dynamic properties of bacterial flagellar motors", Nature, vol. 248, May 3, 1974.	
<i>EL</i>	C2	Berry, Richard M. et al. "Absence of a barrier to backwards rotation of the bacterial flagellar motor demonstrated with optical tweezers", Proc. Natl. Acad. Sci. USA, vol. 94, pp. 14433-14437, (Dec. 1997)	
<i>EL</i>	C3	Elson, Elliot L. "Fluorescence Correlation Spectroscopy and Photobleaching Recovery", Ann. Rev. Phys. Chem. (1985):36:379-406	
<i>EL</i>	C4	FINER, JEFFREY T. et al. "Single myosin molecule mechanics: piconewton forces and nanometre steps." Nature, Vol. 368, Mar. 10, 1994, pp. 113-119.	
<i>EL</i>	C5	Kinosita, Kazuhiko Jr. et al. "F.sub.1 -ATPase: A rotary motor made of a single molecule", Cell, vol. 93, pp. 21-24, Apr. 3, 1998	
<i>EL</i>	C6	MERVIS, J. et al. "Aligning and attaching a lens to an optical fiber using light pressure force", Optics Letters, vol. 18, No. 5, Mar. 1, 1993, p. 325	
<i>EL</i>	C7	Miguez, H. et al. "Photonic crystal properties of packed submicrometric SiO ₂ spheres", American Institute of Physics (1997), 3 pages.	
<i>EL</i>	C8	PERKINS, THOMAS T. "Relaxation of a single DNA molecule observed by optical microscopy" Science, vol. 264, May 6, 1994.	
<i>EL</i>	C9	Shingyoji, Chikako et al. "Dynein arms are oscillating force generators", Nature, vol. 393, Jun. 18, 1998.	
<i>EL</i>	C10	Silverman, Michal et al. "Flagellar rotation and the mechanism of bacterial motility", Nature vol. 249, May 3, (1974).	
<i>EL</i>	C11	Smith, Stephen P. et al. "Inexpensive optical tweezers for undergraduate laboratories", Am. J. Phys. 67 (1), Jan. 1999, pp. 26-35	
<i>EL</i>	C12	SVOBODA, KAREL et al. "Direct observation of kinesin stepping by optical trapping interferometry", Nature, vol. 365, Oct. 21, 1993.	
	C13		

Examiner Signature	<i>E. Lester</i>	Date Considered	9-6-05
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